**SANYO**

SANYO Electric Co.,Ltd.

**For customer service issues, please call 1-866-848-9912 or visit us online at www.sanyobatteries.com.**

# Charger Model #NC-MQN06

Call GE SANYO at (866) 848-9912 • SANYO Energy (U.S.A.) Corp., c/o XWG, 1840 County Line Road Huntingdon Valley, PA 19006 sanyo@accessoryhelp.info • www.sanyobatteries.com

## Notes on Safety (Please read for proper use.)

| Severity of symbol |
|---|
| Danger - Very close to causing death or heavy damage to human body. |
| Warning - May cause death or heavy damage to human body. |
| Caution - May cause heavy damage to human body or property damage. |

| Example of the symbols |
|---|
| This symbol is to inform that the action written inside of the symbol is prohibited. (Left is to prohibit you from taking apart) |

### Safety issues of charger

**Danger**

**Use under the specified voltage**

Please use under AC100V to 240V. Otherwise, may cause high heat, fire breakout, electric shock, or harm to human body.

**Warning**

Do not allow metal objects come into contact with charger. May cause electric shock, excessive heat, or fire.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Do not charge non-rechargeable batteries.

**Caution**

May deform charger causing high heat, leakage, or explosion.

Do not place heavy objects on top of the charger. Avoid unstable locations like areas with strong magnetic fields or dust. May cause excessive heat or fire.

Charger should be used between 41°F to 95°F. If ambient temperature is higher, charger may cause the battery to leak or rupture.

### Charging Safety

Do not charge near hot temperatures like an electric blanket, stove, near direct sunlight, inside of a car, or under hot sun, etc. In addition, please do not cover the charger with a blanket. In such cases, battery would not be fully charged because the temperature inside of the charger will become hot, and the safety protective function will be activated and stop charging.

Please charge at temperature between 41°F to 95°F.

### Regarding eneloop Ni-MH batteries

**Please follow the instructions below to avoid damage or injury.**

**Danger**

- Do not dispose of in fire. Do not heat, deform, solder, dissamble or modify.
- Do not insert batteries with the (+) and (-) ends reversed.
- If leaked liquid gets in the eyes, wash them with clean water and consult a doctor immediately.
- Batteries should not be used in underwater lighting or in sealed electronic devices.

**Warning**

- Do not connect the (+) and (-) ends with metal objects. When carrying or storing batteries, avoid direct contact with metal objects.
- Children should be supervised while handling the batteries.
- Do not peel off or damage the outer tube.
- If leaked liquid gets on the skin or clothing, wash off with clean water immediately.
- Do not connect 10 batteries or more in series.

**Caution**

**Operating temperature range for Ni-MH battery eneloop**

| | |
|---|---|
| • Discharge | 23°F to 122°F |
| • Recharge | 41°F to 95°F |
| • Store | - 4°F to 86°F |

- Outside of the indicated range, battery's performance and life-cycle may decrease.

Do not use these batteries together with dry cells, other types of batteries, new or old batteries together, or batteries with different charge levels.

### Correctly use "eneloop" Ni-MH battery

**About Charging**

Depending upon storage condition, typically eneloop does not need to be recharged for the first time if used within 2 years from the manufactured date. However, there may be a time when some digital cameras may display the low battery indicator. In these cases, please recharge.

Ni-MH

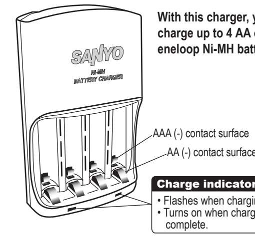
**Please recycle used rechargeable batteries.**

All rechargeable batteries contain precious resources that can be reused. To learn more about recycling or to find a drop-off location, please visit http://www.rbrc.org

* All statements concerning capacity (mAh) or the life of the battery (cycle life) are based on IEC61951-2.

* Statements concerning long term storage is based on simulations at room temperature.

## Parts and usage




**With this charger, you can charge up to 4 AA or 4AAA eneloop Ni-MH batteries.**

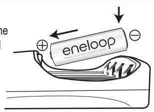
**Charge indicator light**

- Flashes when charging.
- Turns on when charging is complete.

### How to insert and remove battery

**How to insert**

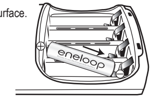
- Match the + and – terminal of the battery with the charger's + and – contact surface.
- For AA battery, insert from the + terminal and push on the – terminal.
- For AAA battery, insert from – terminal as in the picture, then place + terminal into + contact surface.




*How to insert a AA battery*

**How to remove**

- For AA battery, take out from – terminal.
- For AAA battery, if pushed on the + side, - side will pop out for easy removal.




*How to insert a AAA battery*

### Spec

| Input | AC100-240V ~ 50/60Hz 8W | Size | 118 x 72 x 32.5 mm |
|---|---|---|---|
| Output | AA - 2/4 x 1.2V — 300mA<br>AAA - 2/4 x 1.2V — 150mA | Weight | ~ 98g |
| | | Temp. range | 41°F – 95°F |

| Suitable Battery | | Charge time<br>1 – 4 battery |
|---|---|---|
| Ni-MH battery eneloop | AA HR-3UTG ( Max 3000mAh. Min. 1900mAh*) | Approx. 10 hours |
| | AAA HR-4UTG (Max 1000mAh. Min. 750mAh*) | Approx. 7 hours |

Charge time is the time it takes to charge a fully discharged battery. The charge time will depend on the remaining charge in the battery and the ambient temperature.

### Indication light

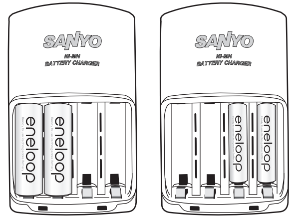
| Appearance | Status | Handling |
|---|---|---|
| Indicator lights flashing | Charging properly | Normal |
| Indicator lights are on | Finish charging | Batteries are ready for use |
| Indicator lights are off | Default mode | a) No battery put inside charger<br>b) Battery connected incorrectly<br>c) The charger has internal failure<br>d) Power off |

### How to charge

1) This charger is designed to charge 2 or 4 pcs of AA or AAA Ni-MH rechargeable batteries. AA and AAA batteries can be charged at the same time.

2) If you want to charge 4 pcs of AA or AAA, put batteries into the charger compartments, taking care to observe polarity (+/-) as indicated inside the charger.

3) If only charging 2 batteries at a time, place the batteries in the left or right side compartments of the charger.

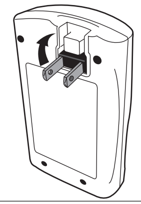



4) Swing plug out and plug into AC100-240V outlet.

5) Confirm that the indication lights begin to flash. Do not plug in upside down. If plugged in upside down, it will finish charging before it is fully charged.

6) When charging is complete, the indicator lights will turn on constantly. Refer to charging chart for typical charge time.

7) After charging is done, unplug the charger from the outlet and swing plug back into place.



### How to assemble C or D battery

- Match the + and – terminal of a AA eneloop battery with the spacer's + and – terminals.
- Insert the + terminal of the AA eneloop battery into the – end of the spacer.
- Push the AA battery until it "snaps" into place.
- To remove, push on the + terminal of the AA eneloop battery until it releases.

